

Oct 07

## S O L A R   R A D I O   E M I S S I O N

## Outstanding Occurrences

OCTOBER 2007

Day	Freq	Sta	Type	Time of		Flux Density		Int	Remarks
				Start (UT)	Maximum (UT)	Duration (Min)	Peak (10 -22 W/m <sup>2</sup> Hz)		
16	410	PALE	8 S	1758.0	1758.0	U	150.0		QL=4 ST=2 TYP=3

Reports are received routinely from the following observatories:

CUBA = Havana LEAR = Learmonth SGMR = Sagamore Hill  
 GORK = Gorky PEKG = Peking SVTO = San Vito  
 HIRA = Hiraiso PALE = Palehua TORN = Torun  
 IZMI = IZMIRAN PENT = Penticton UPIC = Upice

## Explanation of Type Code:

1 Simple 1	7 Minor +	24 Rise	30 Post Burst Increase A	43 Onset of Noise Storm
2 Simple 1F	8 Spike	25 Rise A	31 Post Burst Decrease	44 Noise Storm in Progress
3 Simple 2	20 Simple 3	26 Fall	33 Absorption	45 Complex
4 Simple 2F	21 Simple 3A	27 Rise and Fall	40 Fluctuation	46 Complex F
5 Simple	22 Simple 3F	28 Precursor	41 Group of Bursts	47 Great Burst
6 Minor	23 Simple 3AF	29 Post Burst Increase	42 Series of Bursts	48 Major
1A Simple 1A	4A Simple 2AF	24PF Post Rise F	27F Rise and Fall F	
3A Simple 2A	40 Rise Only	16A Fall A	27AF Rise and Fall AF	
21A Simple 3A GRF	40F Rise Only F	260 Fall Only	31A Post Burst Decrease A	
2A Simple 1AF	4P Post Rise	26F Fall F	32A Absorption A	

RSTN Site Information: Beginning in April 1986, the RSTN sites LEAR, PALE, SGMR, and SVTO fixed frequency solar radio data are periodically adjusted to several world standard stations. These world standard stations include: Kislovodsk, USSR 15,500 MHz; Penticton, Canada 2800 MHz; and Hiraiso, Japan 500 and 200 MHz.